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TI Pyrrolidinones

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SO Japan., 4 pp.

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AB In the prepn. of pyrrolidones by reaction of .gamma.-butyrolactone (I) with NH₃ or amines, H₂O was used to absorb and remove the unreacted NH₃ or amine to increase the yield from .apprx.96% to 99%. E.g., I (1 part) and MeNH₂ (2 parts) was heated at 250.degree. for 2 hr to give 96% 1-methyl-2-pyrrolidone (II), whereas a similar reaction with the addn. of 2-4 parts of H₂O followed by distn. gave 99% II.

IC C07D

DT Patent

LA Japanese